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TO: : HU, SHOUXIANG  
Fax No. : 703-872-9306  
FROM : Robert D. Watson, Reg. No. 45,604  
Sandia National Laboratories  
(505) 845-3139 (Voice)

**OFFICIAL**

Applicant : Peterson  
Application No. 10/606,525  
Subject: Response to Restriction Requirement  
Docket No. : SD-7139.1  
Art Unit : 2811  
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Application No. 10/606,525  
SD-7139.1

Application No. 10/606,525  
Applicant: Peterson  
Title: Encapsulants for Protecting MEMS Devices...  
Filing Date: 06/26/2003  
Art Unit 2811  
Examiner HU, SHOUZIANG  
Docket No.: SD-7139.1

Commissioner for Patents  
United States Patent and Trademark Office  
Box Non-Fee Amendment  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

April 16, 2004

### Reply to Restriction Requirement

Dear Examiner Hu:

In response to the Restriction Requirement of 03/26/2004, applicants hereby elect, without traverse, the invention of **Group I, Claims 6-22** drawn to an article of manufacture/product. Applicant hereby withdraws the remaining unelected claims **1-5** and **23-47**, drawn to methods of manufacture, from further examination in this case.

The Office additionally required the Applicant to elect a single disclosed species from a list of 10 species identified by the Office, corresponding to different embodiments

- 1 -

Application No. 10/606,525  
SD-7139.1

shown in the Drawings. The Office asserts that no there is no generic claim that covers these 10 species. Applicant respectfully traverses.

Before proceeding, however, it is important to understand that each group of Figures, e.g., Figs. 4a-4f, represents a series of sequential manufacturing steps with their corresponding intermediate products, e.g., 4a, 4b, 4c, etc. The final product is shown on the last figure in each series, i.e., Fig. 4f, in this example.

Applicant respectfully submits that **Claim 6 is a generic product claim** that covers all of the 10 species identified by the Office (i.e., Species 1-10). Claim 6 recites:

6. A microelectronic device, comprising:
- an electrically insulating substrate;
  - a first electrical conductor disposed on the substrate;
  - a microelectronic device attached to the substrate, wherein the device comprises
    - an active area and a passive area;
  - a second electrical conductor disposed on the device, located within the passive area;
  - an electrical interconnection made between the first and second electrical conductors; and
  - an electrically insulating, protective coating covering the first and second electrical conductors, the electrical interconnection, and the passive area; but not covering the active area.

Each one of the 10 species identified by the Office contains at least all of the elements and limitations recited in claim 6. Specifically each one of the 10 species contains a substrate, first and second electrical conductors, microelectronic device, active and passive areas, electrical interconnection, and protective coating; arranged with respect to each other according to claim 6. Since all of the elements and corresponding limitations recited in claim 6 are present in each one of the species 1-10, then it follows that claim 6 must be a generic claim covering Species 1-10.

Application No. 10/606,525  
SD-7139.1

Therefore, applicant request that the requirement by the Office to elect a single disclosed species for prosecution be **withdrawn**, and that the Office treat claim 6 as a **generic claim** covering all of the identified species.

Applicants request expeditious processing to issuance.

Respectfully submitted,

Robert D. Watson

Robert D. Watson, Reg. No. 45,604

Ph: (505) 845-3139  
Fax: (505) 844-2829  
e-mail: rdwatso@sandia.gov

Sandia National Laboratories  
P.O. Box 5800 MS-0161  
Albuquerque, NM 87185-0161

**Customer No. 020567**

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Robert D. Watson

Robert D. Watson